

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Murai

Atty. Ref.: 2380-780

Serial No. to be assigned

Group:

Filed: December 12, 2003

Examiner:

For: MOBILE COMMUNICATIONS IN A HIERARCHICAL CELL  
STRUCTURE

\* \* \* \* \*

December 12, 2003

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

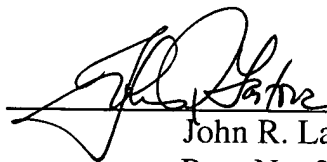
As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, a copy of each of which is enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:



John R. Lastova  
Reg. No. 33,149

JRL:at

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714

Telephone: (703) 816-4000

Facsimile: (703) 816-4100

## INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

2380-780

SERIAL NO.

to be assigned

APPLICANT

(Use several sheets if necessary)

FILING DATE

GROUP

December 12, 2003

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)			
--	--	--	--

Bibliography (including Author, Title, Date, Pertinent pages, etc.)	
	IEICE TRANS. COMMUN., Vol. E85-B, No 10, Oct. 2002, On the Effect of Forward-Backward Filtering Channel Estimation in W-CDMA Multi-Stage Parallel Interference Cancellation Receiver, Ariyoshi et al., pages 1898-1905.
	IEEE Transactions on Vehicular Technology, Vol. 43, No. 4, November 1994, Microcell Engineering in CDMA Cellular Networks, J. Shapira, 817-825.
	IEEE Journal on Selected Areas in Communications, Vol. 12, No. 4, May 1994, Design Study for a CDMA-Based Third-Generation Mobile Radio System, A. Baier, pages 733-743.

**\*Examiner**

Date Considered